





## **QUALITY CERTIFICATE**

Vessel SI

SHORE TANK NO. 3

Customer Operation SPRAGUE ANALYSIS Port Date

Terminal

**BUCKSPORT, MAINE** 

April 17, 2003

SPRAGUE

Report

SP/03/0421

Reference

Sample # 287272

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

## **NO. 6 FUEL OIL 0.5%**

EX. SHORE TANK NO. 3 AFTER DISCHARGE OF B NO. 95
INSPECTORATE
INSPECTORATE

Tests being Performed	Test method	Minimum Maximum	Sample Source
GRAVITY, API @ 60 F FLASH POINT, F VISCOSITY, SSF @ 122 F POUR POINT, F WATER & SEDIMENT, % VOL. SULPHUR, % WT. H, % WT. VANADIUM, PPM	ASTM D 4052 ASTM D 93 ASTM D 445/2161 ASTM D 97 ASTM D 1796 ASTM D 4294 ASTM D 482 AA/AE		12.1 200+ 47.3 +24.8 0.20 0.368 0.046
SODIUM, PPM BTU'S/POUND BTU'S/GALLON NITROGEN, % WT. CARBON RESIDUE, % WT. ASPHALTENES, % WT.	AA/AE CALCULATION CONVERSION ASTM D 3228 ASTM D 4530 IP-143		12 18,550 152,221 0.449 6.43 1.35

**DENNIS E. CURTIS** 

Inspectorate America Corp (Searsport, Me.)